

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No. : 10/643,160  
First Named Inventor : Dmitry M. Rudkevich  
Filing Date : August 18, 2003  
Title : METHODS, SYSTEMS AND USES FOR CALIXARENES  
Group Art Unit : 1723  
Examiner : Joseph W. Drodge  
Confirmation No. : 3568

**VIA EFS**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AFTER FINAL OFFICE ACTION**  
(submission under 37 C.F.R. 1.116)

Dear Sir:

Applicant submits this Amendment after an Office Action made final. This Amendment is in compliance with 37 C.F.R. § 1.116. Applicant respectfully request entry of the amendment set forth herein, consideration of the remarks provided with this paper, and allowance of the claims submitted herewith.

Applicant first wishes to thank the Examiner for holding a telephone interview with Applicant's representatives on June 8, 2007. The Examiner has agreed to amendments provided herewith, such amendments being ones Applicant is also in agreement with.

Accordingly, amendments and remarks set forth herein are in compliance with the rules for submitting a reply after final rejection under 37 C.F.R. 1.116. This reply only adopts examiner suggestions, cancels claims, complies with any requirement of form expressly set forth in the Office Action mailed March 27, 2007 and/or presents rejected claims in better form for

**Amendment After Final**, dated June 11, 2007  
Reply to Office Action mailed March 27, 2007

consideration before appeal. No new matter has been introduced with this reply and no new issues requiring further consideration and/or search have been introduced with the amended claims set forth herewith.

In view of the above and in response to the Examiner interview, Applicant submits the following:

**Statement of Substance of Interview under 37 C.F.R § 1.133** that begins on page 3;  
**Amendments to the Claims** provided as a Listing of Claims that begin on page 4; and  
**Remarks** that begin on page 8 of this paper.

**Statement of Substance of Interview  
under 37 C.F.R § 1.133**

Applicant submits this Statement of Substance of Interview in accordance with 37 C.F.R § 1.133 to be made of record for the application for patent identified herewith and respectfully requests entry of the statement as set forth herein.

Applicant again wishes to thank the Examiner for participating in a telephone interview on June 8, 2007, held between the Examiner and Applicant's representative. The Examiner was most courteous and agreeable. In the interview, the substance of an Office Action mailed on March 27, 2007, as well as references cited therein were discussed. Applicant's representative and the Examiner further discussed the cited references in light of Applicant's claimed invention.

It was agreed that the independent claims would each be amended to include a complex that was a "calix[4]arene-nitrosonium complex." Additional subject matter would be modified in accordance with each independent claim to remove redundancies and/or maintain sense. For example, it was agreed that in Claims 1 and 11, language directed to "with at least one NO<sup>+</sup> cation" (Claim 1) and "a NO<sup>+</sup> cation" (Claim 11) would be removed. In Claims 20 and 23, it was agreed that language directed to "forming a calix[4]arene-nitrosonium complex" would be inserted into the claims.

This is intended to be a written statement as to the substance of a telephone interview held on June 8, 2007, to be made of record in the application for patent.

The amendments submitted herewith are responsive and in compliance with the agreements arrived at during the interview held June 8, 2007.